

1 1. (Once Amended) A method for the simultaneous quantitative and
2 qualitative determination of individual phospholipids in a phospholipid mixture
3 comprising:
4 dissolving said phospholipid mixture in at least one extraction solvent;
5 applying said at least one extraction solvent having said phospholipid
6 mixture dissolved therein to a thin layer chromatography (TLC) plate;
7 placing said TLC plate having said phospholipid mixture applied thereto
8 into an elution solvent mixture; and
9 allowing said phospholipid mixture to migrate up said TLC plate in one
10 direction until said individual phospholipids are resolved into discrete, detectable spots
11 such that all said individual phospholipids present in said phospholipid mixture can be
12 individually detected.

1 12. (Once Amended) A method for the quantitative determination of
2 individual phospholipids in a phospholipid mixture comprising:
3 dissolving said phospholipid mixture in at least one extraction solvent;
4 applying said at least one extraction solvent having said phospholipid
5 mixture dissolved therein to a thin layer chromatography (TLC) plate;
6 placing said TLC plate having said phospholipid mixture applied thereto
7 into an elution solvent mixture; and
8 allowing said phospholipid mixture to migrate up said TLC plate in one
9 direction until said individual phospholipids are resolved into discrete, detectable spots
10 such that all said individual phospholipids present in said phospholipid mixture can be
11 individually detected.

Please add the following claims 23 and 24:

1 23. (New) The method of claim 1, wherein said discrete, detectable
2 spots are separately quantifiable.